

-1- (WPAT)

AN - 85-147329/25

XRAM- C85-064095

TI - Prodn. of serum protein solution for use as plasma substitute -
by mixing separately purified albumin and globulin solutions from
cohn fractionation of serum or plasma

DC - B04

PA - (OSTS) LENTIA GMBH; (SCHW-) SCHWAB & CO GMBH

IN - KALTSCHMID H, WAHL H

NP - 2

PN - DE3344656-A 85.06.13 (8525)

EP-144714-A 85.06.19 (8525)

LA - G

DS - BE CH FR GB IT LI LU SE AT

PR - 83.12.09 83DE-344656

AB - (DE3344656)

Prodn. of a serum protein soln. having unchanged anticomplement activity relative to natural blood serum, suitable for intravenous admin. as a plasma substitute, by (A) subjecting human plasma or serum to Cohn fractionation with ethanol; (B) subjecting the resulting albumin fraction (IV.1) and V) and the globulin precipitates II and III separately to purificn. by means of ammonium sulphate precipitation, the globulin fraction being heat-treated in neutral aq. soln. at 45-65 deg.C before the ammonium sulphate pptn. in order to effect aggregation; (c) subjecting the aggregated globulin fraction and the purified albumin fraction to pasteurisation; (D) converting the two fractions into separate isotonic solns. of identical or similar protein content using water and NaCl; and (E) mixing the solns. in the desired proportions and converting into storable form by clear and sterile-filtration.

ADVANTAGE - The prepns. are bacteria- and virus-free, but do not have an elevated anticomplement activity. (12pp
Dwg.No.0/0)